

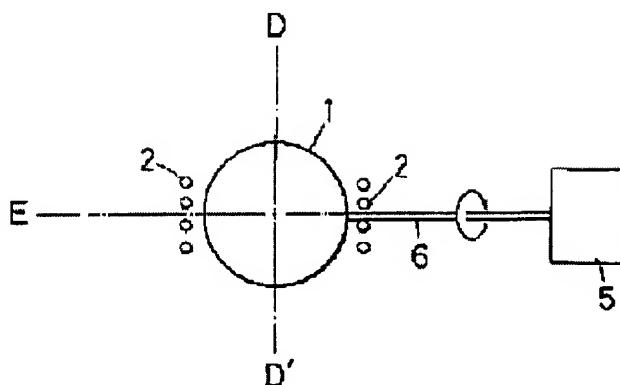
ELECTRODELESS ELECTRIC-DISCHARGE LAMP DEVICE

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- international: H01J65/04
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Abstract of JP6196132

PURPOSE: To drastically improve emission efficiency, and to achieve long life cycle by mitigating devitrification phenomenon.

CONSTITUTION: An induction coil 2 wound around the outer peripheral wall of an emission tube 1 made of a material having translucent property such as quartz and the like, is electrified by high frequency current, and a high frequency magnetic field formed on the inside of the induction coil 2 is made to act on a discharging gas and a light-emitting substance, which are sealed in the emission tube 1. The emission tube 1 is so arranged that the rotary shaft E of the emission tube 1 crosses perpendicularly a winding shaft D-D' of the induction coil 2, so as to rotate the emission tube 1, in an electrodeless electric-discharging lamp device for energizing and emitting the emission substance.



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